

### FIGURE 1

1 GAATTCAAGA CCAGCCTGGA CAACTTGGAA GAACCCGGTC TCTACAAAAAA ATACAAAATT  
61 AGCTGGGATT GGGTGCCTGT GCTCATGCCT ATAATCCCAG CACTTTGGGA GCCTGAGGTG  
121 GGTGGATCAC CTGAAGTCAG GAGTTCAAGA CTAGCCTGGC CAACATGGTG AAACCTATC  
181 TCTACTGAAA ATACAAAAAG CTAGACCGTGG TGGCACACAC CTGTAATCCC AGCTACTTAG  
241 GAGGCTGAGG CAGGAGAATT GCTTGAAGCC TAGAGGTGAA GGTTGTAGTG AGCCGAGATT  
301 GCATCATTCG ACAATGGAGG GGAGGCCACCA GCCTGGGCAA CAAGAGGAAA TCTCCGTCTC  
361 CAAAAAAA AAAAAAAA AAAGAATTAG GCTGGGTGGT GCCTGTAGTC CCAGCTACTT  
421 GGGAGGCAGG GGGTCCACTT GATGTCGAGA CTGCAGTGAG CCATGATCCT GCCACTGCAC  
481 TCCGGCCTGG GCAACAGAGT GAGACCTGTG CTAAAGAAAA AAAAAATAAA GCAACATATC  
541 CTGAACAAAG GATCCTCCAT AACGTTCCCA CCAGATTCT AATCAGAAC ATGGAGGCCA  
601 GAAAGCAGTG GAGGAGGACG ACCCTCAGGC AGCCCGGGAG GATGTTGTCA CAGGCTGGGG  
661 CAAGGGCTT CCGGCTTACCA ACTGGGAGCT CTGGGAACAG CCCTGTTGCA AACAGAAC  
721 CATAGCCCGG CCAGAGCCCA GGAATGTGGG CTGGGCTGGG AGCAGCTCT GGACAGGAGT  
781 GGTCCCCATCC AGGAAACCTC CGGCATGGCT GGGAAAGTGGG GTACTTGGTG CCGGGTCTGT  
841 ATGTGTGTGT GACTGGTGTG TGTGAGAGAG AATGTGTGCC CTAAGTGTCA GTGTGAGTCT  
901 GTGTATGTGT GAATATTGTC TTTGTGTGGG TGATTTCTG CGTGTGTAAT CGTGTCCCTG  
961 CAAGTGTGAA CAAGTGGACA AGTGTCTGGG AGTGGACAAG AGATCTGTGC ACCATCAGGT  
1021 GTGTGCATAG CGTCTGTGCA TGTCAAGAGT GCAAGGTGAA GTGAAGGGAC CAGGCCATG  
1081 ATGCCACTCA TCATCAGGAG CTCTAACGGCC CCAGGTAAGT GCCAGTGACA GATAAGGGTG  
1141 CTGAAGGTCA CTCGGAGTG GGCAGGTGGG GGTAGGAAAA GGGCAAGGCC ATGTTCTGG  
1201 GGAGGGTTG TGACTACATT AGGGTGTATG AGCTTAGCTG GGAGGTGGAT GGCCGGTCC  
1261 ACTGAAACCC TGTTTATCCC AGAAGGCTTT GCAGGCTTCA GGAGCTTGGG GTGGGAGAG  
1321 GGGGTGACTT CTCCGACCAG GCCCCCTCCAC CGGCCTACCC TGGGTAAGGG CCTGGAGCAG  
1381 GAAGCAGGGG CAAGAACCTC TGGAGCAGCC CATACCCGCC CTGGCCTGAC TCTGCCACTG  
1441 GCAGCACAGT CAACACAGCA GGTTCACTCA CAGCAGAGGG CAAAGGCCAT CATAGCTCC  
1501 CTTTATAAGG GAAGGGTCAC GCGCTCGGTG TGCTGAGAGT GTCCTGCCTG GTCCTCTGTG  
1561 CCTGGTGGGG TGGGGTGCC AGGTGTGTCC AGAGGAGGCC ATTTGGTAGT GAGGCAGGTA  
1621 TGGGGCTAGA AGCACTGGTG CCCCTGCCG TGATAGTGGC CATCTTCTG CTCCTGGTGG  
1681 ACCTGATGCA CCGCGCCAA CGCTGGCTG CACGCTTACCC ACCAGGCCCT CTGCCACTGC  
1741 CCGGGCTGGG CAACCTGCTG CATGTGGACT TCCAGAACAC ACCATACTGC TTCGACCAGG  
1801 TGAGGGAGGA GGTCTGGAG GGCAGCAGAG GTGCTGAGGC TCCCCTACCA GAAGCAAACA  
1861 TGGATGGTGG GTGAAACACC AGGCTGACC AGAACGCCAGG CTGAGAAGGG GAAGCAGGTT  
1921 TGGGGGACGT CCTGGAGAAG GGCATTATA CATGGCATGA AGGACTGGAT TTTCAAAGG  
1981 CCAAGGAAGA GTAGGGCAAG GGCCTGGAGG TGGAGCTGGA CTTGGCAGTG GGCATGCAAG  
2041 CCCATTGGGC AACATATGTT ATGGAGTACA AAGCCCTTC TGCTGACACC AGAAGGAAAG  
2101 GCCTTGGAA TGGAAGATGA GTTACTCTG AGTGCCTT AAATCAGAA ATCGAGGATG  
2161 AAGGGGTGCA AGTGACCCGG TTCAAAACCTT TTGCACTGTG GGTCTCGGG CCTCACTGCC  
2221 TCACCGGCAT GGACCATCAT CTGGGAATGG GATGCTAACT GGGGCTCTC GGCAATTGG  
2281 GTGACTCTG CAAGGTCTA CCTGGGTGAC GCATCCTAAC TGAGTCTCTC CATCACAGAA  
2341 GGTGTGACCC CCACCCCCGC CCCACGATCA GGAGGCTGGG TCTCTCTT CCACCTGCTC  
2401 ACTCTGGTA GCCCCGGGGG TCGTCCAAGG TTCAAATAGG ACTAGGACCT GTAGTCTGGG  
2461 GTGATCTGG CTTGACAAGA GGCCTGACC CTCCCTCTGC AGTTGCGCG CCGCTCGGG  
2521 GACGTGTTCA GCCTGCAGCT GGCCTGGACG CGGTGGTCG TGCTCAATGG GCTGGGGCC  
2581 GTGCGCGAGG CGCTGGTGAC CCACGGCGAG GACACGCCG ACCGCCGCC TGTGCCATC  
2641 ACCCAGATCC TGGTTTCGG GCGCGTTCC CAAGGCAAGC AGCGGTGGGG ACAGAGACAG  
2701 ATTCCCGTGG GACCCGGGTG GGTGATGACC GTAGTCCGAG CTGGGCAGAG AGGGCGCGGG  
2761 GTCGTGACCA TGAAACAGGC CAGCGAGTGG GGACAGCGGG CCAAGAACAC ACCTGCACTA  
2821 GGGAGGTGTG AGCATGGGAA CGAGGGCGGG GCTGTGAGC AGTGGGGGG GCCACTGCC  
2881 AGACCTGGCA GGAGCCTAAT GGGTGAGCGT GGCGCATTTC CCAGCTGAA TCCGGTGTG  
2941 AAGTGGGGC GGGGACCGCA CCTGTGCTGT AAGCTCAGTG TGGGTGGCG CGGGCCCGCG  
3001 GGGTCTCCC TGAGTGAAA GGCCTGAGG GTGGGCAGAG ACGAGGTGGG GCAAAGCCTG  
3061 CCCCAGCCAA GGGAGCAAGG TGGATGCACA AAGAGTGGGC CCTGTGACCA GCTGGACAGA  
3121 GCCAGGGACT GCGGGAGACC AGGGGGAGCA TAGGGTGTGGA GTGGGTGGT GATGGTGGGG  
3181 CTAATGCCCT CATGGCCACG CGCACGTGCC CGTCCCACCC CCAGGGGTGT TCCCTGGCGCG  
3241 CTATGGGCC CGCTGGCGCG AGCAGAGCGT CTTCTCCGTG TCCACCTTGC GCAACTTGGG  
3301 CCTGGGCAAG AAGTCGCTGG AGCAGTGGGT GACCGAGGAG GCCGCTGCC TTTGTGCC  
3361 CTTCGCCAAAC CACTCCGGTG GGTGATGGGC AGAAGGGCAC AAAGCGGGAA CTGGGAAGGC  
3421 GGGGGACCGG GAAGGCGACC CCTTACCCGC ATCTCCCACC CCCAGGACGC CCCCTTCGCC  
3481 CCAACGGTCT CTTGGACAAA GCGTGTGAGCA ACGTGATCGC CTCCCTCACC TGCGGGCGCC  
3541 GCTTCGAGTA CGACGACCCCT CGCTTCTCA GGCTGCTGGA CCTAGCTCAG GAGGGACTGA  
3601 AGGAGGAGTC GGGCTTTCTG CGCGAGGTGC GGAGCAGAG ACCGAGGAGT CTCTGCAGGG  
3661 CGAGCTCCCG AGAGGTGCCG GGGCTGGACT GGGCCTCGG AAGAGCAGGA TTGCAATAGA  
3721 TGGGTTGGG AAAGGACATT CCAGGAGACC CCACTGTAAG AAGGGCTGG AGGAGGAGGG  
3781 GACATCTCAG ACATGGTCGT GGGAGAGGTG TGCCCGGGTC AGGGGGCACC AGGAGGAGCC  
3841 AAGGACTCTG TACCTCCTAT CCACGTCAAGA GATTCGATT TTAGGTTCT CCTCTGGCA  
3901 AGGAGAGAGG GTGGAGGCTG GCACTTGGG AGGACTTGG TGAGGTCACT GGTAAGGACA

3961 GGCAGGCCCT GGGTCTACCT GGAGATGGCT GGGGCCTGAG ACTTGTCCAG GTGAACGCAG  
4021 AGCACAGGAG GGATTGAGAC CCCGTTCTGT CTGGTGTAGG TGCTGAATGC TGTCCTCGTC  
4081 CTCCTGCATA TCCCAGCGCT GGCTGGCAAG GTCTCTACGCT TCCAAAAGGC TTTCCTGACC  
4141 CAGCTGGATG AGCTGCTAAC TGAGCACAGG ATGACCTGGG ACCCAGCCCA GCCCCCCCGA  
4201 GACCTGACTG AGGCTTCCT TGAGCACAGT GAGAAAGGTGA GAGTGGCTGC CACGGTGGGG  
4261 GGCAAGGGTG GTGGGTTGAG CGTCCCAGGA GGAATGAGGG GAGGCTGGC AAAAGGTTGG  
4321 ACCAGTGCAT CACCCGGCGA GCCGCATCTG GGCTGACAGG TGCAGAAATTG GAGGTCAATT  
4381 GGGGGCTACC CCGTTCTGTC CCGAGTATGC TCTCGGCCCT GCTCAGGCCA AGGGGAACCC  
4441 TGAGAGCAGC TTCAATGATG AGAACCTGCG CATACTGGT GCTGACCTGT TCTCTGCCGG  
4501 GATGGTGACC ACCTCGACCA CGCTGGCCTG GGGCCTCCCT CTCATGATCC TACATCCGA  
4561 TGTGCAGCGT GAGCCCATCT GGGAAACAGT GCAGGGGCCG AGGGAGGAAG GGTACAGGCG  
4621 GGGGCCATG AACTTTGCTG GGACACCCGG GGCTCCAAGC ACAGGCTTGA CCAGGATCCT  
4681 GTAAGCCTGA CCTCCTCCAA CATAGGAGG AAGAAGGAGT GTCAGGCCG GACCCCTGG  
4741 GTGCTGACCC ATTGTGGGA CGCATGTCTG TCCAGGCCGT GTCCAACAGG AGATCGACGA  
4801 CGTGTAGGG CAGGTGCGGC GACCAGAGT GGGTGACCA GCTCACATGC CCTACACCAC  
4861 TGCGTGTGATT CATGAGGTGC AGCGCTTGG GGACATCGTC CCCCTGGGTG TGACCCATAT  
4921 GACATCCCCTG GACATCGAAG TACAGGGCTT CCGCATCCCT AAGGTAGGCC TGGGCCCTC  
4981 CTCACCCCTAG CTCAGCACCA GCACCTGGT ATAGCCCCAG CATGGCTACT GCCAGGTGGG  
5041 CCCACTCTAG GAACCCCTGGC CACCTAGTCC TCAATGCCAC CACACTGACT GTCCCCACTT  
5101 GGGTGGGGGG TCCAGAGTAT AGGCAGGGCT GGCTGTCCA TCCAGAGCCC CCGTCTAGTG  
5161 GGGAGACAAA CCAGGACCTG CCAGAATGTT GGAGGACCCA ACGCCTGCAG GGAGAGGGGG  
5221 CAGTGTGGGT GCCTCTGAGA GGTGTGACTG CGCCCTGCTG TGGGTGCGA GAGGGTACTG  
5281 TGGAGCTTCT CGGGCGCAGG ACTAGTTGAC AGAGTCCAGC TGTGTGCCAG GCAGTGTGTG  
5341 TCCCCCTGTT GTTTGGTGGC AGGGGTCCTA CGATCCTAGA GTCCAGTCCC CACTCTCACC  
5401 CTGCATCTCC TGCCCCAGGG ACGACACTCA TCACCAACCT GTCATCGGTG CTGAAGGATG  
5461 AGGCCGCTCG GGAGAAGCCC TTCCGCTTCC ACCCCGAACA CTTCCCTGGAT GCCCAGGGCC  
5521 ACTTTGTGAA GCCGGAGGCC TTCCCTGCCCT TCTCAGCAGG TGCCTGTGGG GAGCCGGCT  
5581 CCCTGTCCCC TTCCGTGGAG TCTTGCAAGG GTATCACCA GGAGCCAGGC TCACTGACGC  
5641 CCCTCCCTC CCCACAGGCC GCGTGCATG CCTCGGGGAG CCCCTGGCC GCATGGAGCT  
5701 CTTCCCTCTC TTACCTCTCC TGCTGCAGCA CTTCACTTC TCGGTGCCA CTGGACAGCC  
5761 CGGGCCAGC CACCATGGT TCTTGTCTT CCTGGTGGAG CCATCCCCCT ATGAGCTTTG  
5821 TGCTGTGCCCG CGCTAGAATG GGGTACCTAG TCCCCAGCCT GCTCCCTAGC CAGGGCTCT  
5881 AATGTACAAT AAAGCAATGT GGTAGTTCCA ACTCGGGTCC CTCGCTCACG CCCCTGTTGG  
5941 GATCATCTC CTCAGGGCAA CCCCCACCCCT GCCTCATTCC TGCTTACCCC ACCGCTGGC  
6001 CGCATTGAG ACAGGGGTAC GTTGAGGCTG AGCAGATGTC AGTTACCCCT GCCCATAATC  
6061 CCATGTCCCC CACTGACCCA ACTCTGACTG CCCAGATTGG TGACAAGGAC TACATTGTCC  
6121 TGGCATGTGG GGAAGGGGCC AGAATGGGCT GACTAGAGGT GTCAGTCAGC CCTGGATGTG  
6181 GTGGAGAGGG CAGGAACCTCAG CCTGGAGGCC CATATTCAG GCCTAATCTA GCCCACCCCA  
6241 CATCAGGGAC ACCAGTCTCG CCAGCACCAT CACAAACAGTC ACCTCCCTTC ATATATGACA  
6301 CCCCAAAACG GAAGACAAAT CATGGCGTCA GGGAGCTATA TGCCAGGGCT ACCTACCTCC  
6361 CAGGGCTCAG TCGGCAGGTG CCAGAACGTT CCTCTGGGAAG GCCCCATGGA AGCCCAGGAC  
6421 TGAGCCACCA CCCCCCTGCCT CGTCACCTCA CCACAGGAG GGCTACCTCT CTGGGCCCTC  
6481 AGGGATGCTG CTGTACAGAC CCCTGACCAAG TGACGAGTTC GCACTCAGGG CCAGGCTGGC  
6541 GCTGGAGGAG GACACTTGTT TGGCTCCAAC CCTAGGTACC ATCCTCCAG TAGGGATCAG  
6601 GCAGGGCCCA CAGGCCTGCC CTAGGGACAG GAGTCACCT TGGACCCATA AGGCACTGGG  
6661 GCGGGCAGAG AAGGAGGAGG TGGCATGGC AGCTGAGAGC CAGAGACCT GACCCTAGTC  
6721 CTTGCTCTGC CATTACCCCG TGTGACCCCG GGCCACCCCT TCCCCACCCCT TCCCCACCC  
6781 GGGCTCTGT TTCTCTCTG CAACGAGAAG GCTGCTTCAC CTGGCCCGAG TCCTGTCTTC  
6841 CTGCTCTGCC TTCTGGGCT GTGGCCCTTG CTGGCCTGGA GCCCCAACCA AGGGCAGGG  
6901 CTGCTGTCTC CCACGTCTGT CCTCACCGAC ATAATGGGCT GGGCTGGCA CACAGGAGT  
6961 GCCCAAGAGT TTCTAATGAG CATATGATTA CCTGAGTCCT GGGCAGACCT TCTTAGGGAA  
7021 CAGCCTGGGA CAGAGAACCA CAGACACTCT GAGGAGCCAC CCTGAGGCCCT CTTTGCCAG  
7081 AGGACCTAC AGCCTCCCTG GCAGCAGTTC CGCCAGCATT TCTGTAATG CCCTCATGCC  
7141 AGGGTGCAGGC CCGGCTGTCA GCACGAGAGG GACGTTGGTC TGTCCCTGG CACCGAGTC  
7201 GTCAGAAGGG TGCCAGGGC CCTCTGGC CCTCTCCAGAG ACAATCCACT GTGGTCACAC  
7261 GGCTCGGTGG CAGGAAGTGC TGTCTCTGCA GCTGTGGGA CAGGGAGTGT GGATGAAGCC  
7321 AGGCTGGGT TGTCTGAAGA CGGAGGCC GAAAGGTGGC AGCTGGCCCT ATAGCAGCAG  
7381 CAACTCTTGG ATTATTGGG AAGATTTCT TCACGGTTCT GAGTCTTGGG GGTGTTAGAG  
7441 GCTCAGAACCC AGTCCAGGCC GAGCTCTGTC ATGGGCACGT AGACCCGGTC CCAGGGCCTT  
7501 TGCTCTTGC TGTCTCTGCA GGCCTCTGCA AAGTAGAAC AGGCAGCCT GTGAGTCCCC  
7561 TCCTGGGAGC AACCAACCCCT CCCTCTGAGA TGCCCCGGGG CCAGGTCAAGC TGTGGTGGAAA  
7621 GGTAGGGATG CAGCCAGCTC AGGGAGTGGC CCAGAGTTC TGCCCACCA AGGAGGCTCC  
7681 CAGGAAGGTC AAGGCACCTG ACTCCCTGGC TGCTTCCCTC CCCTCCCTC CCCAGGTCAG  
7741 GAAGGTGGGA AAGGGCTGGG GTGTCTGTGA CCTGGCAGT CACTGAGAAG CAGGGTGGAA  
7801 GCAGCCCCCT GCAGCACGCT GGGTCAGTGG TCTTACAGA TGGATACGA GCAACTTCCT  
7861 TTTGAACCTT TTATTTTCC TGGCAGGAAG AAGAGGGATC CAGCAGTGTAG ATCAGGCAGG  
7921 TTCTGTGTG CACAGACAGG GAAACAGGCT CTGTCACAC AAAGTCGGT GGGCCAGGAT  
7981 GAGGCCAGT CTGTTCACAC ATGGCTGCTG CCTCTCAGCT CTGCACAGAC GTCCCTCGCTC

8041	CCCTGGGATG	GCAGCTGGC	CTGCTGGTCT	TGGGGTTGAG	CCAGCCTCCA	GCACTGCC
8101	CCTGCCCTGC	TGCCTCCCAC	TCTGCAGTGC	TCCATGGCTG	CTCAGTTGGA	CCCACGCTGG
8161	AGACGTTCA	TCGAAGCCCC	GGGCTGTCTT	TACCTCCCAG	TCTGGGGTAC	CTGCCACCTC
8221	CTGCTCAGCA	GGAAATGGGC	TAGGTGCTTC	CTCCCCCTGGG	GACTTCACCT	GCTCTCCCTC
8281	CTGGGATAAG	ACGGCAGCCT	CCCTCCTTGGG	GGCAGCAGCA	TTCAGTCCTC	CAGGTCTCC
8341	GGGGGTCG	ACCTGAGGA	GGAAATAAGAG	GGCAGACTGG	GCAGAAAGGC	CTTCAGAGCA
8401	CCTCATCCTC	CTGTTCTCAC	ACTGGGGTGT	CACAGTCTCG	GAAGTTCTT	CCTTTTCAGT
8461	TGAGCTGTG	TAACCTGTG	AGTTTCTGG	AGGGGGCTG	CCACTACCT	TGGGACTCCC
8521	TGCCGTGTG	CTGGGCTAA	CTGAGCTCG	AAAGGGAGA	GCCCCAGGCC	TGGGCTTCCC
8581	AGGGGAAGCC	TTACCTCAGA	GGTTGGCTTC	TTCCTACTCT	TGACTTTGCG	TCTCTGAGA
8641	GGGAGGTGGG	AGGGGGTACA	CAACCCCTGAC	ACCCACACTA	TGAGTGATGA	GTAGTCTGC
8701	CCCGACTGGC	CCATCCTTTC	CAGGTGAGT	CCCCCTTACT	GTGTCTGCCA	AGGGTGCCAG
8761	CACAGCCGCC	CCACTCCAGG	GGAAAGAGGAG	TGCCAGCCCT	TACCACCTGA	GTGGGCACAG
8821	TGTAGCATT	ATTCATTAGC	CCCCACACTG	GCCTGACCAT	CTCCCCCTGTG	GGCTGCATGA
8881	CAAGGAGAGA	GAACAGGCTG	AGGTGAGAGC	TACTGTCAAC	ACCTAAACCT	AAAAAAATCTA
8941	TAATTGGGCT	GGGCAGGGTG	GCTCACGCC	GTAAATCCCAG	CACTTTGGGA	GGCCGAGATG
9001	GGTGGATCAC	CTGAGGTCA	ATGTTCGAGA	CCAGCCTGGC	CAACATGGTG	AAACCCCGTC
9061	TCTACTAAAA	ATACAAAAAA	TTAGCTGGG	GTGGTGTG	GTGCCGTGAA	TCCCAGCTAC
9121	TCAGGAGGT	GAGGCAGGAG	AATTGCTGA	ACCTGGGAGG	CAGAGGCTGC	AGTGAGCCGA
9181	GATCGCATCA	TTGCACTCCA	GCCTGGTCAA	CAAGAGTGA	ACTGTCTTAA	AAAAAAAATC
9241	TATAATTGAT	ATCTTTAGAA	AGATAAAACT	TTGCATTCA	GAATAAGAA	TAGGAGGGTC
9301	TAAAATAAAA	ATGTTCAAAC	ACCCACCAC	ACTAATTCTT	GACAAAAATA	TAGTCTGGGT
9361	GCCTTAGCTC	ATGCCTGTAA	TCCCAGCATT	TTGGGAGGCT	AAGGCAGGAG	GATTGTTGA
9421	GCCTAGGAAT	TC				

## FIGURE 2

1	GAATTCAAGA	CCAGCCTGGG	CAACTTGGAA	GAACC <u>GGTC</u>	TCTACAAAAAA	ATACAAAATT
61	AGCTGGGATT	GGGTGCGGTG	GCTCATGCCT	ATAATCCCAG	CACTTTGGG	GCCTGAGGTG
121	GGTGGATCAC	CTGAAGTCAG	GAGTTCAAGA	CTAGCCTGGC	CAACATGGTG	AAACCCATTC
181	TCTACTGAAA	ATAYAAAAG	CTAGACGTGG	TGGCACACAC	CTGTAATCCC	AGCTACTTAG
241	GAGGCTGAGG	CAGGAGAAATT	GCTTGAAGCC	TAGAGGTGAA	GGTTGTAGTG	AGCCGAGATT
301	GCATCATTCG	ACAATGGAGG	GGAGGCCACCA	GCCTGGCAA	CAAGAGGAAA	TCTCCGTCTC
361	CAAAAAAAA	AAAAAAA	<u>AAAGR</u> ATTAG	GCTGGGTGGT	GCCTGTAGTC	CCAGCTACTT
421	GGGAGGCAGG	GGGTCCACTT	GATGTGAGA	CTGCAGTGAG	CCATGATCCT	GCCACTGCAC
481	TCCGGCCTGG	GCAACAGAGT	GAGACCCCTGT	CTAAAGAAAA	AAAAAAATAAA	GCAACATATC
541	CTGAACAAAG	GATCCTCCAT	AACGTTCCCA	CCAGATTCT	AATCAGAAAC	ATGGAGGCCA
601	GAAAGCAGTC	GAGGAGGACR	ACCCCTCAGGC	AGCCCAGGAG	GATGTTGTCA	CAGGCTGGGG
661	CAAGGGCCTT	CCGGCTACCA	ACTGGGAGCT	CTGGGAACAG	CCCTGTTGCA	AACAAGAACG
721	CATAGCCCAGG	CCAGAGCCCA	GGAAATGTGGG	CTGGGCTGGG	AGCAGCCTCT	GGACAGGAGT
781	GGTCCCATCC	AGGAAACCTC	CGGCATGGCT	GGGAAGTGGG	GTACTTGGTG	CCGGGCTCTGT
841	ATGTGTGTGT	GACTGGTGTG	TGTGAGAGAG	AATGTGTGCY	CTAAGTGTCA	GTGTGAGTCT
901	GTGTATGTGT	GAATATTGTC	TTTGTGTGGG	TGATTTCTG	<u>CTGTGT</u> TAAT	CGTGTCCCTG
961	CAAGTGTGAA	CAAGTGGACA	AGTGTCTGGG	AGTGGACAAG	AGATCTGTG	ACCATCAGGT
1021	GTGTGCATAG	CGTCTGTGCA	TGTCAAGAGT	GCAAGGTGAA	GTGAAGGGAC	CAGGCCCATG
1081	ATGCCACTCA	TCATCAGGAG	CTCTAAGGCC	CCAGGTAAGT	GCCAGTGTACA	GATAAGGGTG
1141	CTGAAGGTCA	CTCTGGAGTG	GGCAGGTGGG	GGTAGGGAAA	GGGCAAGGCC	ATGTTCTGGA
1201	GGAGGGGGTTG	TGACTACATT	AGGGTGTATG	AGCCTAGCTG	GGAGGTGGAT	GGCC <u>RGGT</u> CC
1261	ACTGAAACCC	TGGTTATCCC	AGAAGGCTT	GCAGGCTTCA	GGAGCTTGG	GTGGGGAGAG
1321	GGGGTGACTT	CTCCGACCAG	GCCCCTCCAC	CGGCCTACCC	TGGGTAAGGG	CCTGGAGCAG
1381	GAAGCAGGGG	CAAGAACCTC	TGGAGCAGCC	CATAACCGCC	CTGGCCTGAC	TCTGCCACTG
1441	GCAGCACAGT	CAACACAGCA	GGTCACTCA	CAGCAGAGGG	CAAAGGCCAT	CATCAGCTCC
1501	CTTATAAGG	GAAGGGTCAC	GCGCTCGGTG	TGCTGAGAGT	GTCCCTGCCTG	GTCCCTGTG
1561	CCTGGTGGGG	TGGGGTGCC	AGGTGTGTCC	AGAGGAGCCC	ATTGGTAGT	GAGGCAGGTA
1621	TGGGGCTAGA	AGCACTGGTG	CCCCCTGGCCG	TGATAGTGGC	CATCTTCCTG	CTCCCTGGTGG

**FIGURE 3**  
**One Base Sequencing (OBS) Outline**

